

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 27   | ((packet adj loss)or (frame adj erasure adj concealment)).ti. and @ad<"19990419"   | US-PGPUB; USPAT; EPO; JPO                   | OR               | ON      | 2005/03/30 07:56 |
| L2    | 62   | ((packet adj loss)or (frame adj erasure adj concealment)).ti. and @ad<"19990419"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/03/30 07:57 |
| L3    | 62   | Frame adj Erasure adj Concealment  | US-PGPUB; USPAT; EPO; JPO                   | OR               | ON      | 2005/03/30 08:43 |
| L4    | 70   | Frame adj Erasure adj Concealment  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/03/30 08:43 |
| S1    | 98   | ("6757654" "5699485" "5732389"<br>"5550543" "6614370" "5450449"<br>"5574825" "5615298" "5717822"<br>"5884010" "6584438" "6205130"<br>"6058107" "5550847" "6122607"<br>"6418408" "6004028" "6092230"<br>"5859840" "5396516" "5732356"<br>"6188980" "6038452" "6148422"<br>"5699478" "6285682" "4375581"<br>"5907822" "5572622" "5596678"<br>"6351730" "6175590" "6324503"<br>"6633552" "6611804" "6317462"<br>"6637006" "5901186" "6665637"<br>"5353373" "6052660" "5469527"<br>"5260939" "6408267" "5943347"<br>"6137915" "6141448" "6377915"<br>"5214741" "5715356").pn.<br>("5241535" "5406560" "6125343"<br>"5600754" "5617145" "5689615"<br>"5774837" "5777992" "5870431"<br>"5953695" "6006189" "6041230"<br>"6202045" "6226607" "6226607"<br>"6269130" "6289308" "6298055"<br>"6330532" "6370502" "6640209"<br>"6738374" "6738391" "6754624"<br>"5960010" "5968199" "4907277"<br>"5535299" "6144658" "6389006"<br>"6744764" "5305332" "5619507"<br>"5768291" "5793744" "5799039"<br>"6009383" "6044086" "6108369"<br>"6118770" "6222875" "6222875"<br>"6243364" "6463080" "6721327"<br>"5519779" "6633536" "5502713"<br>"5598506" "6493664").pn. | US-PGPUB; USPAT; EPO; JPO                   | OR               | ON      | 2004/07/27 08:05 |

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|----|----|---|---------------------------------|----|----|------------------|
| S2 | 50 | ( "6757654" "5699485" "5732389"<br>"5550543" "6614370" "5450449"<br>"5574825" "5615298" "5717822"<br>"5884010" "6584438" "6205130"<br>"6058107" "5550847" "6122607"<br>"6418408" "6004028" "6092230"<br>"5859840" "5396516" "5732356"<br>"6188980" "6038452" "6148422"<br>"5699478" "6285682" "4375581"<br>"5907822" "5572622" "5596678"<br>"6351730" "6175590" "6324503"<br>"6633552" "6611804" "6317462"<br>"6637006" "5901186" "6665637"<br>"5353373" "6052660" "5469527"<br>"5260939" "6408267" "5943347"<br>"6137915" "6141448" "6377915"<br>"5214741" "5715356").pn.<br>("5241535" "5406560" "6125343"<br>"5600754" "5617145" "5689615"<br>"5774837" "5777992" "5870431"<br>"5953695" "6006189" "6041230"<br>"6202045" "6226607" "6226607"<br>"6269130" "6289308" "6298055"<br>"6330532" "6370502" "6640209"<br>"6738374" "6738391" "6754624"<br>"5960010" "5968199" "4907277"<br>"5535299" "6144658" "6389006"<br>"6744764" "5305332" "5619507"<br>"5768291" "5793744" "5799039"<br>"6009383" "6044086" "6108369"<br>"6118770" "6222875" "6222875"<br>"6243364" "6463080" "6721327"<br>"5519779" "6633536" "5502713"<br>"5598506" "6493664").pn. and<br>(((packet adj loss) or (missing adj<br>packet)) and overlapp-add and<br>compression).ti,ab,bsum. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/26 13:19 |
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|----|----|---|---------------------------------|----|----|------------------|
| S3 | 50 | ( "6757654" "5699485" "5732389"<br>"5550543" "6614370" "5450449"<br>"5574825" "5615298" "5717822"<br>"5884010" "6584438" "6205130"<br>"6058107" "5550847" "6122607"<br>"6418408" "6004028" "6092230"<br>"5859840" "5396516" "5732356"<br>"6188980" "6038452" "6148422"<br>"5699478" "6285682" "4375581"<br>"5907822" "5572622" "5596678"<br>"6351730" "6175590" "6324503"<br>"6633552" "6611804" "6317462"<br>"6637006" "5901186" "6665637"<br>"5353373" "6052660" "5469527"<br>"5260939" "6408267" "5943347"<br>"6137915" "6141448" "6377915"<br>"5214741" "5715356").pn.<br>("5241535" "5406560" "6125343"<br>"5600754" "5617145" "5689615"<br>"5774837" "5777992" "5870431"<br>"5953695" "6006189" "6041230"<br>"6202045" "6226607" "6226607"<br>"6269130" "6289308" "6298055"<br>"6330532" "6370502" "6640209"<br>"6738374" "6738391" "6754624"<br>"5960010" "5968199" "4907277"<br>"5535299" "6144658" "6389006"<br>"6744764" "5305332" "5619507"<br>"5768291" "5793744" "5799039"<br>"6009383" "6044086" "6108369"<br>"6118770" "6222875" "6222875"<br>"6243364" "6463080" "6721327"<br>"5519779" "6633536" "5502713"<br>"5598506" "6493664").pn. and<br>(((packet adj loss) or (missing adj<br>packet)) and ((overlapp-add) or<br>(overlapp adj add)) and<br>compression).ti,ab. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/26 13:20 |
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|----|----|---|---------------------------------|----|----|------------------|
| S4 | 50 | ("6757654" "5699485" "5732389"<br>"5550543" "6614370" "5450449"<br>"5574825" "5615298" "5717822"<br>"5884010" "6584438" "6205130"<br>"6058107" "5550847" "6122607"<br>"6418408" "6004028" "6092230"<br>"5859840" "5396516" "5732356"<br>"6188980" "6038452" "6148422"<br>"5699478" "6285682" "4375581"<br>"5907822" "5572622" "5596678"<br>"6351730" "6175590" "6324503"<br>"6633552" "6611804" "6317462"<br>"6637006" "5901186" "6665637"<br>"5353373" "6052660" "5469527"<br>"5260939" "6408267" "5943347"<br>"6137915" "6141448" "6377915"<br>"5214741" "5715356").pn.<br>("5241535" "5406560" "6125343"<br>"5600754" "5617145" "5689615"<br>"5774837" "5777992" "5870431"<br>"5953695" "6006189" "6041230"<br>"6202045" "6226607" "6226607"<br>"6269130" "6289308" "6298055"<br>"6330532" "6370502" "6640209"<br>"6738374" "6738391" "6754624"<br>"5960010" "5968199" "4907277"<br>"5535299" "6144658" "6389006"<br>"6744764" "5305332" "5619507"<br>"5768291" "5793744" "5799039"<br>"6009383" "6044086" "6108369"<br>"6118770" "6222875" "6222875"<br>"6243364" "6463080" "6721327"<br>"5519779" "6633536" "5502713"<br>"5598506" "6493664").pn. and<br>(((packet adj loss) or (missing adj<br>packet)) and ((overlapp-add) or<br>(overlap adj add)) and<br>compression).ti,ab. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/26 13:20 |
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|----|----|--|---------------------------------|----|----|------------------|
| S5 | 0  | ((("6757654" "5699485" "5732389"<br>"5550543" "6614370" "5450449"<br>"5574825" "5615298" "5717822"<br>"5884010" "6584438" "6205130"<br>"6058107" "5550847" "6122607"<br>"6418408" "6004028" "6092230"<br>"5859840" "5396516" "5732356"<br>"6188980" "6038452" "6148422"<br>"5699478" "6285682" "4375581"<br>"5907822" "5572622" "5596678"<br>"6351730" "6175590" "6324503"<br>"6633552" "6611804" "6317462"<br>"6637006" "5901186" "6665637"<br>"5353373" "6052660" "5469527"<br>"5260939" "6408267" "5943347"<br>"6137915" "6141448" "6377915"<br>"5214741" "5715356").pn.<br>(("5241535" "5406560" "6125343"<br>"5600754" "5617145" "5689615"<br>"5774837" "5777992" "5870431"<br>"5953695" "6006189" "6041230"<br>"6202045" "6226607" "6226607"<br>"6269130" "6289308" "6298055"<br>"6330532" "6370502" "6640209"<br>"6738374" "6738391" "6754624"<br>"5960010" "5968199" "4907277"<br>"5535299" "6144658" "6389006"<br>"6744764" "5305332" "5619507"<br>"5768291" "5793744" "5799039"<br>"6009383" "6044086" "6108369"<br>"6118770" "6222875" "6222875"<br>"6243364" "6463080" "6721327"<br>"5519779" "6633536" "5502713"<br>"5598506" "6493664").pn. ) and<br>(((packet adj loss) or (missing adj<br>packet)) and ((overlapp-add) or<br>(overlap adj add)) and<br>compression).ti,ab. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/26 13:21 |
| S6 | 0  | (((packet adj loss) or (missing adj<br>packet)) and ((overlapp-add) or<br>(overlap adj add)) and<br>compression).ti,ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/26 13:21 |
| S7 | 5  | (((packet adj loss) or (missing adj<br>packet)) and ((overlapp-add) or<br>(overlap adj add)) and<br>compression).ti,ab,bsum.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/26 13:25 |
| S8 | 5  | (((packet and (loss or missing)))<br>and ((overlapp-add) or<br>(overlap-add)) and compression).ti,<br>ab,bsum.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/26 13:26 |
| S9 | 13 | (((packet and (loss or missing)))<br>and ((overlapp-add) or<br>(overlap-add)) and compression)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/03/30 07:55 |

|     |    |   |                                 |    |    |                  |
|-----|----|---|---------------------------------|----|----|------------------|
| S10 | 5  | ("5568142"   "5995539"   "6038579"   "6278753"   "6523051").PN.   | USPAT                           | OR | ON | 2004/07/26 13:30 |
| S11 | 84 | ("6757654" "5699485" "5732389" "5550543" "6614370" "5450449" "5574825" "5615298" "5717822" "5884010" "6584438" "6205130" "6058107" "5550847" "6122607" "6418408" "6004028" "6092230" "5859840" "5396516" "5732356" "6188980" "6038452" "6148422" "5699478" "6285682" "4375581" "5907822" "5572622" "5596678" "6351730" "6175590" "6324503" "6633552" "6611804" "6317462" "6637006" "5901186" "6665637" "5353373" "6052660" "5469527" "5260939" "6408267" "5943347" "6137915" "6141448" "6377915" "5214741" "5715356").pn.<br>("5241535" "5406560" "6125343" "5600754" "5617145" "5689615" "5774837" "5777992" "5870431" "5953695" "6006189" "6041230" "6202045" "6226607" "6226607" "6269130" "6289308" "6298055" "6330532" "6370502" "6640209" "6738374" "6738391" "6754624" "5960010" "5968199" "4907277" "5535299" "6144658" "6389006" "6744764" "5305332" "5619507" "5768291" "5793744" "5799039" "6009383" "6044086" "6108369" "6118770" "6222875" "6222875" "6243364" "6463080" "6721327" "5519779" "6633536" "5502713" "5598506" "6493664").pn. and packet | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/26 13:47 |

|     |    |   |                                 |    |    |                  |
|-----|----|---|---------------------------------|----|----|------------------|
| S12 | 51 | ( "6757654" "5699485" "5732389"<br>"5550543" "6614370" "5450449"<br>"5574825" "5615298" "5717822"<br>"5884010" "6584438" "6205130"<br>"6058107" "5550847" "6122607"<br>"6418408" "6004028" "6092230"<br>"5859840" "5396516" "5732356"<br>"6188980" "6038452" "6148422"<br>"5699478" "6285682" "4375581"<br>"5907822" "5572622" "5596678"<br>"6351730" "6175590" "6324503"<br>"6633552" "6611804" "6317462"<br>"6637006" "5901186" "6665637"<br>"5353373" "6052660" "5469527"<br>"5260939" "6408267" "5943347"<br>"6137915" "6141448" "6377915"<br>"5214741" "5715356").pn.<br>("5241535" "5406560" "6125343"<br>"5600754" "5617145" "5689615"<br>"5774837" "5777992" "5870431"<br>"5953695" "6006189" "6041230"<br>"6202045" "6226607" "6226607"<br>"6269130" "6289308" "6298055"<br>"6330532" "6370502" "6640209"<br>"6738374" "6738391" "6754624"<br>"5960010" "5968199" "4907277"<br>"5535299" "6144658" "6389006"<br>"6744764" "5305332" "5619507"<br>"5768291" "5793744" "5799039"<br>"6009383" "6044086" "6108369"<br>"6118770" "6222875" "6222875"<br>"6243364" "6463080" "6721327"<br>"5519779" "6633536" "5502713"<br>"5598506" "6493664").pn. and<br>(packet and (( "overlapp-add") or<br>(overlap\$ adj add))) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/26 13:48 |
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|-----|----|---|---------------------------------|----|----|------------------|
| S13 | 51 | ( "6757654" "5699485" "5732389"<br>"5550543" "6614370" "5450449"<br>"5574825" "5615298" "5717822"<br>"5884010" "6584438" "6205130"<br>"6058107" "5550847" "6122607"<br>"6418408" "6004028" "6092230"<br>"5859840" "5396516" "5732356"<br>"6188980" "6038452" "6148422"<br>"5699478" "6285682" "4375581"<br>"5907822" "5572622" "5596678"<br>"6351730" "6175590" "6324503"<br>"6633552" "6611804" "6317462"<br>"6637006" "5901186" "6665637"<br>"5353373" "6052660" "5469527"<br>"5260939" "6408267" "5943347"<br>"6137915" "6141448" "6377915"<br>"5214741" "5715356").pn.<br>("5241535" "5406560" "6125343"<br>"5600754" "5617145" "5689615"<br>"5774837" "5777992" "5870431"<br>"5953695" "6006189" "6041230"<br>"6202045" "6226607" "6226607"<br>"6269130" "6289308" "6298055"<br>"6330532" "6370502" "6640209"<br>"6738374" "6738391" "6754624"<br>"5960010" "5968199" "4907277"<br>"5535299" "6144658" "6389006"<br>"6744764" "5305332" "5619507"<br>"5768291" "5793744" "5799039"<br>"6009383" "6044086" "6108369"<br>"6118770" "6222875" "6222875"<br>"6243364" "6463080" "6721327"<br>"5519779" "6633536" "5502713"<br>"5598506" "6493664").pn. and<br>(packet and ((overlap-add)) or<br>(overlap\$ adj add))).ti,ab. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/26 13:50 |
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|-----|-----|--|---------------------------------|----|----|------------------|
| S14 | 51  | ( "6757654" "5699485" "5732389"<br>"5550543" "6614370" "5450449"<br>"5574825" "5615298" "5717822"<br>"5884010" "6584438" "6205130"<br>"6058107" "5550847" "6122607"<br>"6418408" "6004028" "6092230"<br>"5859840" "5396516" "5732356"<br>"6188980" "6038452" "6148422"<br>"5699478" "6285682" "4375581"<br>"5907822" "5572622" "5596678"<br>"6351730" "6175590" "6324503"<br>"6633552" "6611804" "6317462"<br>"6637006" "5901186" "6665637"<br>"5353373" "6052660" "5469527"<br>"5260939" "6408267" "5943347"<br>"6137915" "6141448" "6377915"<br>"5214741" "5715356").pn.<br>( "5241535" "5406560" "6125343"<br>"5600754" "5617145" "5689615"<br>"5774837" "5777992" "5870431"<br>"5953695" "6006189" "6041230"<br>"6202045" "6226607" "6226607"<br>"6269130" "6289308" "6298055"<br>"6330532" "6370502" "6640209"<br>"6738374" "6738391" "6754624"<br>"5960010" "5968199" "4907277"<br>"5535299" "6144658" "6389006"<br>"6744764" "5305332" "5619507"<br>"5768291" "5793744" "5799039"<br>"6009383" "6044086" "6108369"<br>"6118770" "6222875" "6222875"<br>"6243364" "6463080" "6721327"<br>"5519779" "6633536" "5502713"<br>"5598506" "6493664").pn. and<br>(packet and ((overlap-add) or<br>(overlap adj add) or overlap)).ti,ab. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/26 13:51 |
| S15 | 455 | ((packet adj loss) or (frame adj erasure adj concealment)).ti,ab.  | US-PGPUB;<br>USPAT;<br>EPO;.JPO | OR | ON | 2004/07/26 13:52 |
| S16 | 78  | ((packet adj loss) or (frame adj erasure adj concealment)).ti.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/26 13:52 |
| S17 | 27  | ((packet adj loss) or (frame adj erasure adj concealment)).ti. and @ad<"19990419"  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/03/30 07:56 |
| S18 | 1   | ((packet adj loss) or (frame adj erasure adj concealment)).ti. and @ad<"19990419" and overlap\$  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/26 13:54 |
| S19 | 2   | ((packet adj loss) or (frame adj erasure adj concealment)).ti,ab. and @ad<"19990419" and (overlap\$ near add)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/26 13:54 |

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|-----|----|---|---------------------------|----|----|------------------|
| S20 | 6  | ("5105463"   "5111417"   "5457685"   "5673363"   "5819212"   "6092041").PN.   | USPAT                     | OR | ON | 2004/07/26 13:55 |
| S21 | 4  | "6351730".URPN.   | USPAT                     | OR | ON | 2004/07/26 13:57 |
| S22 | 6  | ("5255343"   "6240386"   "6351730"   "6475245"   "6504838"   "6549587").PN.   | USPAT                     | OR | ON | 2004/07/27 12:53 |
| S23 | 50 | ("6757654" "5699485" "5732389" "5550543" "6614370" "5450449" "5574825" "5615298" "5717822" "5884010" "6584438" "6205130" "6058107" "5550847" "6122607" "6418408" "6004028" "6092230" "5859840" "5396516" "5732356" "6188980" "6038452" "6148422" "5699478" "6285682" "4375581" "5907822" "5572622" "5596678" "6351730" "6175590" "6324503" "6633552" "6611804" "6317462" "6637006" "5901186" "6665637" "5353373" "6052660" "5469527" "5260939" "6408267" "5943347" "6137915" "6141448" "6377915" "5214741" "5715356").pn. ("5241535" "5406560" "6125343" "5600754" "5617145" "5689615" "5774837" "5777992" "5870431" "5953695" "6006189" "6041230" "6202045" "6226607" "6226607" "6269130" "6289308" "6298055" "6330532" "6370502" "6640209" "6738374" "6738391" "6754624" "5960010" "5968199" "4907277" "5535299" "6144658" "6389006" "6744764" "5305332" "5619507" "5768291" "5793744" "5799039" "6009383" "6044086" "6108369" "6118770" "6222875" "6222875" "6243364" "6463080" "6721327" "5519779" "6633536" "5502713" "5598506" "6493664").pn. and ("lost frame detector") | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2004/07/27 08:04 |

|     |   |  |                                 |    |    |                  |
|-----|---|--|---------------------------------|----|----|------------------|
| S24 | 0 | ( "6757654" "5699485" "5732389"<br>"5550543" "6614370" "5450449"<br>"5574825" "5615298" "5717822"<br>"5884010" "6584438" "6205130"<br>"6058107" "5550847" "6122607"<br>"6418408" "6004028" "6092230"<br>"5859840" "5396516" "5732356"<br>"6188980" "6038452" "6148422"<br>"5699478" "6285682" "4375581"<br>"5907822" "5572622" "5596678"<br>"6351730" "6175590" "6324503"<br>"6633552" "6611804" "6317462"<br>"6637006" "5901186" "6665637"<br>"5353373" "6052660" "5469527"<br>"5260939" "6408267" "5943347"<br>"6137915" "6141448" "6377915"<br>"5214741" "5715356""5241535""<br>5406560 6125343 5600754<br>5617145 5689615 5774837<br>5777992 5870431 5953695<br>6006189 6041230 6202045<br>6226607 6226607 6269130<br>6289308 6298055 6330532<br>6370502 6640209 6738374<br>6738391 6754624 5960010<br>5968199 4907277 5535299<br>6144658 6389006 6744764<br>5305332 5619507 5768291<br>5793744 5799039 6009383<br>6044086 6108369 6118770<br>6222875 6222875 6243364<br>6463080 6721327 5519779<br>6633536 5502713 5598506<br>6493664).pn. and ("lost frame<br>detector") | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/27 08:04 |
|-----|---|--|---------------------------------|----|----|------------------|

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|-----|----|--|---------------------------------|----|----|------------------|
| S25 | 21 | ( "6757654" "5699485" "5732389"<br>"5550543" "6614370" "5450449"<br>"5574825" "5615298" "5717822"<br>"5884010" "6584438" "6205130"<br>"6058107" "5550847" "6122607"<br>"6418408" "6004028" "6092230"<br>"5859840" "5396516" "5732356"<br>"6188980" "6038452" "6148422"<br>"5699478" "6285682" "4375581"<br>"5907822" "5572622" "5596678"<br>"6351730" "6175590" "6324503"<br>"6633552" "6611804" "6317462"<br>"6637006" "5901186" "6665637"<br>"5353373" "6052660" "5469527"<br>"5260939" "6408267" "5943347"<br>"6137915" "6141448" "6377915"<br>"5214741" "5715356" "5241535"<br>"5406560" "6125343" "5600754"<br>"5617145" "5689615" "5774837"<br>"5777992" "5870431" "5953695"<br>"6006189" "6041230" "6202045"<br>"6226607" "6226607" "6269130"<br>"6289308" "6298055" "6330532"<br>"6370502" "6640209" "6738374"<br>"6738391" "6754624" "5960010"<br>"5968199" "4907277" "5535299"<br>"6144658" "6389006" "6744764"<br>"5305332" "5619507" "5768291"<br>"5793744" "5799039" "6009383"<br>"6044086" "6108369" "6118770"<br>"6222875" "6222875" "6243364"<br>"6463080" "6721327" "5519779"<br>"6633536" "5502713" "5598506"<br>"6493664").pn. and ("lost frame" or<br>"lost packet") | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/27 08:06 |
|-----|----|--|---------------------------------|----|----|------------------|

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|-----|---|--|---------------------------------|----|----|------------------|
| S26 | 4 | ( "6757654" "5699485" "5732389"<br>"5550543" "6614370" "5450449"<br>"5574825" "5615298" "5717822"<br>"5884010" "6584438" "6205130"<br>"6058107" "5550847" "6122607"<br>"6418408" "6004028" "6092230"<br>"5859840" "5396516" "5732356"<br>"6188980" "6038452" "6148422"<br>"5699478" "6285682" "4375581"<br>"5907822" "5572622" "5596678"<br>"6351730" "6175590" "6324503"<br>"6633552" "6611804" "6317462"<br>"6637006" "5901186" "6665637"<br>"5353373" "6052660" "5469527"<br>"5260939" "6408267" "5943347"<br>"6137915" "6141448" "6377915"<br>"5214741" "5715356" "5241535"<br>"5406560" "6125343" "5600754"<br>"5617145" "5689615" "5774837"<br>"5777992" "5870431" "5953695"<br>"6006189" "6041230" "6202045"<br>"6226607" "6226607" "6269130"<br>"6289308" "6298055" "6330532"<br>"6370502" "6640209" "6738374"<br>"6738391" "6754624" "5960010"<br>"5968199" "4907277" "5535299"<br>"6144658" "6389006" "6744764"<br>"5305332" "5619507" "5768291"<br>"5793744" "5799039" "6009383"<br>"6044086" "6108369" "6118770"<br>"6222875" "6222875" "6243364"<br>"6463080" "6721327" "5519779"<br>"6633536" "5502713" "5598506"<br>"6493664").pn. and ("lost frame" or<br>"lost packet") and<br>@ad<"19990419" and overlap\$ | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/27 08:08 |
|-----|---|--|---------------------------------|----|----|------------------|

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|-----|----|--|---------------------------------|----|----|------------------|
| S27 | 4  | ("6757654" "5699485" "5732389"<br>"5550543" "6614370" "5450449"<br>"5574825" "5615298" "5717822"<br>"5884010" "6584438" "6205130"<br>"6058107" "5550847" "6122607"<br>"6418408" "6004028" "6092230"<br>"5859840" "5396516" "5732356"<br>"6188980" "6038452" "6148422"<br>"5699478" "6285682" "4375581"<br>"5907822" "5572622" "5596678"<br>"6351730" "6175590" "6324503"<br>"6633552" "6611804" "6317462"<br>"6637006" "5901186" "6665637"<br>"5353373" "6052660" "5469527"<br>"5260939" "6408267" "5943347"<br>"6137915" "6141448" "6377915"<br>"5214741" "5715356" "5241535"<br>"5406560" "6125343" "5600754"<br>"5617145" "5689615" "5774837"<br>"5777992" "5870431" "5953695"<br>"6006189" "6041230" "6202045"<br>"6226607" "6226607" "6269130"<br>"6289308" "6298055" "6330532"<br>"6370502" "6640209" "6738374"<br>"6738391" "6754624" "5960010"<br>"5968199" "4907277" "5535299"<br>"6144658" "6389006" "6744764"<br>"5305332" "5619507" "5768291"<br>"5793744" "5799039" "6009383"<br>"6044086" "6108369" "6118770"<br>"6222875" "6222875" "6243364"<br>"6463080" "6721327" "5519779"<br>"6633536" "5502713" "5598506"<br>"6493664").pn. and ((lost or<br>missing) near (packet or frame))<br>and @ad<"19990419" and<br>(overlap\$ or WSOLA) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/27 08:10 |
| S28 | 5  | ((lost or missing) near (packet or<br>frame)).ti,ab. and @ad<"19990419"<br>and (overlap\$ or WSOLA)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/27 10:45 |
| S29 | 13 | "5907822".URPN.  | USPAT                           | OR | ON | 2004/07/27 08:12 |
| S30 | 5  | ("5675390"   "5907822"  <br>"6125343"   "6324503"  <br>"6351730").PN.  | USPAT                           | OR | ON | 2004/07/27 08:14 |
| S31 | 13 | "5907822".URPN.  | USPAT                           | OR | ON | 2004/07/27 08:16 |
| S32 | 5  | ("5426745"   "5657420"  <br>"5657422"   "5717822"  <br>"5778338").PN.  | USPAT                           | OR | ON | 2004/07/27 08:16 |
| S33 | 0  | Sanneck-H.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/07/27 10:46 |

|     |     |  |                                 |    |     |                  |
|-----|-----|--|---------------------------------|----|-----|------------------|
| S34 | 8   | Sanneck.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/07/27 10:47 |
| S35 | 0   | stenger-A.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/07/27 10:47 |
| S36 | 389 | stenger.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/07/27 10:47 |
| S37 | 0   | stenger.in. and packet.ti,ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/07/27 10:48 |
| S38 | 30  | stenger.in. and (packet or frame)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/07/27 10:48 |
| S39 | 13  | stenger.in. and (packet or frame).ti,<br>ab,bsum.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/07/27 10:48 |
| S40 | 8   | (US-6351730-\$ or US-5717822-\$ or<br>US-5907822-\$ or US-6636829-\$ or<br>US-5673363-\$ or US-6757343-\$ or<br>US-6549886-\$).did. or<br>(US-20020007273-\$).did. | US-PGPUB;<br>USPAT              | OR | OFF | 2004/07/27 12:53 |
| S41 | 3   | ("5255343"   "6240386"  <br>"6351730"   "6475245"   "6504838"<br>  "6549587").PN. and ((frame or<br>packet) near loss)   | USPAT                           | OR | ON  | 2004/07/27 12:54 |
| S42 | 39  | ((frame or packet) adj loss) near<br>(indicator or flag or signal)   | USPAT                           | OR | ON  | 2004/07/27 13:59 |
| S43 | 237 | (encoder and decoder and (update<br>near state))   | USPAT                           | OR | ON  | 2004/07/27 14:00 |
| S44 | 4   | (encoder and decoder and (update<br>near state near decoder))  | USPAT                           | OR | ON  | 2004/07/27 14:01 |
| S45 | 4   | (encoder and (update near state<br>near decoder))  | USPAT                           | OR | ON  | 2004/07/27 14:01 |
| S46 | 3   | (encoder and ((update adj state)<br>near decod\$))   | USPAT                           | OR | ON  | 2004/07/27 14:03 |
| S47 | 14  | (encoder and (update near<br>decoder)) and compression and<br>speech   | USPAT                           | OR | ON  | 2004/07/27 14:05 |
| S48 | 140 | (encoder and decoder and (missing<br>adj packet))  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/07/28 08:16 |
| S49 | 69  | (encoder and decoder and (missing<br>adj packet)) and @ad<"19990419"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/07/28 08:17 |
| S50 | 2   | (encoder and decoder and (missing<br>adj packet)).ti,ab. and<br>@ad<"19990419"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/07/28 08:18 |

|     |    |   |                           |    |     |                  |
|-----|----|---|---------------------------|----|-----|------------------|
| S51 | 10 | (encoder and decoder and (missing adj packet)).ti,ab,bsum. and compression and (speech or audio) and @ad<"19990419"   | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/07/28 08:18 |
| S52 | 10 | (encoder and decoder and (missing adj packet)).ti,ab,bsum. and compression and (speech or audio) and @ad<"19990419"   | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/07/28 08:22 |
| S53 | 5  | ((encoder and decoder)or coder) and ((missing near (packet or frame))not retransmission)).ti,ab, bsum. and compression and (speech or audio) and @ad<"19990419" | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/07/28 08:25 |
| S54 | 1  | "5907822".pn.   | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/08/16 10:13 |
| S55 | 5  | ("5426745"   "5657420"   "5657422"   "5717822"   "5778338").PN.   | USPAT                     | OR | ON  | 2004/08/16 10:05 |
| S56 | 13 | "5907822".URPN.   | USPAT                     | OR | ON  | 2004/08/16 10:06 |
| S57 | 1  | "0673015".pn.   | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/08/16 10:14 |
| S58 | 1  | "0673015"   | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/08/16 10:14 |
| S59 | 73 | Chen-Juin-hwey.in.  | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/08/16 10:23 |
| S60 | 15 | Chen-Juin-hwey.in. and loss.ti,ab.  | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/08/16 10:24 |
| S61 | 15 | Chen-Juin-hwey.in. and loss.ti,ab. and @ad<"19990419"   | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/08/16 10:25 |
| S62 | 33 | overlap-add and packet  | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/08/16 10:34 |
| S63 | 1  | (US-20020007273-\$).did.  | US-PGPUB                  | OR | OFF | 2004/08/16 10:34 |

|     |    |  |                                 |    |     |                  |
|-----|----|--|---------------------------------|----|-----|------------------|
| S64 | 23 | (US-6665637-\$ or US-5550543-\$ or US-5574825-\$ or US-5615298-\$ or US-5884010-\$ or US-6421802-\$ or US-5717822-\$ or US-6636829-\$ or US-5673363-\$ or US-6757343-\$ or US-5907822-\$ or US-6057884-\$ or US-6549886-\$ or US-6351730-\$). did. or (US-20020007273-\$).did. or (EP-673015-\$ or EP-673017-\$ or EP-673018-\$ or EP-707308-\$ or WO-9950828-\$).did. or (JP-07311596-\$ or JP-08063200-\$ or JP-08227300-\$).did.                                | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/08/16 10:35 |
| S65 | 3  | ((US-6665637-\$ or US-5550543-\$ or US-5574825-\$ or US-5615298-\$ or US-5884010-\$ or US-6421802-\$ or US-5717822-\$ or US-6636829-\$ or US-5673363-\$ or US-6757343-\$ or US-5907822-\$ or US-6057884-\$ or US-6549886-\$ or US-6351730-\$). did. or (US-20020007273-\$).did. or (EP-673015-\$ or EP-673017-\$ or EP-673018-\$ or EP-707308-\$ or WO-9950828-\$).did. or (JP-07311596-\$ or JP-08063200-\$ or JP-08227300-\$).did.) and (overlap-add and packet) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/08/16 11:09 |
| S66 | 11 | ((US-6665637-\$ or US-5550543-\$ or US-5574825-\$ or US-5615298-\$ or US-5884010-\$ or US-6421802-\$ or US-5717822-\$ or US-6636829-\$ or US-5673363-\$ or US-6757343-\$ or US-5907822-\$ or US-6057884-\$ or US-6549886-\$ or US-6351730-\$). did. or (US-20020007273-\$).did. or (EP-673015-\$ or EP-673017-\$ or EP-673018-\$ or EP-707308-\$ or WO-9950828-\$).did. or (JP-07311596-\$ or JP-08063200-\$ or JP-08227300-\$).did.) and (pitch)                  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/08/16 11:09 |
| S67 | 23 | (US-5673363-\$ or US-6057884-\$ or US-6351730-\$ or US-5907822-\$ or US-6665637-\$ or US-5884010-\$ or US-5717822-\$ or US-5615298-\$ or US-5574825-\$ or US-5550543-\$ or US-6757343-\$ or US-6636829-\$ or US-6549886-\$ or US-6421802-\$). did. or (US-20020007273-\$).did. or (EP-673015-\$ or EP-673017-\$ or WO-9950828-\$ or EP-707308-\$ or EP-673018-\$).did. or (JP-07311596-\$ or JP-08227300-\$ or JP-08063200-\$).did.                                | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/09/07 08:31 |

|     |    |   |                           |    |     |                  |
|-----|----|---|---------------------------|----|-----|------------------|
| S68 | 16 | ((US-5673363-\$ or US-6057884-\$ or US-6351730-\$ or US-5907822-\$ or US-6665637-\$ or US-5884010-\$ or US-5717822-\$ or US-5615298-\$ or US-5574825-\$ or US-5550543-\$ or US-6757343-\$ or US-6636829-\$ or US-6549886-\$ or US-6421802-\$). did. or (US-20020007273-\$).did. or (EP-673015-\$ or EP-673017-\$ or WO-9950828-\$ or EP-707308-\$ or EP-673018-\$).did. or (JP-07311596-\$ or JP-08227300-\$ or JP-08063200-\$).did.) and (overlap or autocorrelation or memory or buffer or (pitch adj period))      | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/09/07 10:13 |
| S69 | 6  | ((US-5673363-\$ or US-6057884-\$ or US-6351730-\$ or US-5907822-\$ or US-6665637-\$ or US-5884010-\$ or US-5717822-\$ or US-5615298-\$ or US-5574825-\$ or US-5550543-\$ or US-6757343-\$ or US-6636829-\$ or US-6549886-\$ or US-6421802-\$). did. or (US-20020007273-\$).did. or (EP-673015-\$ or EP-673017-\$ or WO-9950828-\$ or EP-707308-\$ or EP-673018-\$).did. or (JP-07311596-\$ or JP-08227300-\$ or JP-08063200-\$).did.) and ((lost or loss or missing)near(duration or number))                         | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/09/07 10:15 |
| S70 | 4  | ((US-5673363-\$ or US-6057884-\$ or US-6351730-\$ or US-5907822-\$ or US-6665637-\$ or US-5884010-\$ or US-5717822-\$ or US-5615298-\$ or US-5574825-\$ or US-5550543-\$ or US-6757343-\$ or US-6636829-\$ or US-6549886-\$ or US-6421802-\$). did. or (US-20020007273-\$).did. or (EP-673015-\$ or EP-673017-\$ or WO-9950828-\$ or EP-707308-\$ or EP-673018-\$).did. or (JP-07311596-\$ or JP-08227300-\$ or JP-08063200-\$).did.) and ((lost or loss or missing)near(duration or number)) and (window or overlap) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/09/07 10:15 |
| S71 | 0  | (overlap-add and (missing near (packet or frame))).ti.ab.bsum. and (overlap near (interval or duration))  | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/09/07 14:28 |
| S72 | 0  | (overlap-add and (missing near (packet or frame))).ti.ab.bsum. and (overlap same (interval or duration))  | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/09/07 14:29 |

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|-----|----|---|---------------------------|----|-----|------------------|
| S73 | 3  | (overlap-add and (missing near (packet or frame))) and (overlap\$ same (interval or duration))  | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/09/07 14:31 |
| S74 | 6  | (overlap and (missing near (packet or frame))) and (overlap\$ same (interval or duration or window)) and (overlapadd or overlapp-add or (overlap adj add))  | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/09/07 14:34 |
| S75 | 6  | ((OLA or WOLA overlap) and (missing near (packet or frame))) and (overlap\$ same (interval or duration or window)) and (overlapadd or overlapp-add or (overlap adj add))  | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/09/07 14:36 |
| S76 | 6  | ((OLA or WOLA overlap) and (missing near (packet or frame))) and (overlapping (overlap\$ same (interval or duration or window))) and (overlapadd or overlapp-add or (overlap adj add))  | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/09/07 14:36 |
| S77 | 6  | ((OLA or WSOLA overlap) and (missing near (packet or frame))) and (overlapping (overlap\$ same (interval or duration or window))) and (overlapadd or overlapp-add or (overlap adj add))   | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/09/07 14:36 |
| S78 | 23 | (US-6057884-\$ or US-5673363-\$ or US-6351730-\$ or US-6665637-\$ or US-5907822-\$ or US-5884010-\$ or US-5717822-\$ or US-5615298-\$ or US-5574825-\$ or US-5550543-\$ or US-6636829-\$ or US-6549886-\$ or US-6421802-\$ or US-6757343-\$). did. or (US-20020007273-\$).did. or (EP-673018-\$ or EP-673015-\$ or EP-673017-\$ or WO-9950828-\$ or EP-707308-\$).did. or (JP-08227300-\$ or JP-08063200-\$ or JP-07311596-\$).did.                             | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/09/08 09:11 |
| S79 | 15 | ((US-6057884-\$ or US-5673363-\$ or US-6351730-\$ or US-6665637-\$ or US-5907822-\$ or US-5884010-\$ or US-5717822-\$ or US-5615298-\$ or US-5574825-\$ or US-5550543-\$ or US-6636829-\$ or US-6549886-\$ or US-6421802-\$ or US-6757343-\$). did. or (US-20020007273-\$).did. or (EP-673018-\$ or EP-673015-\$ or EP-673017-\$ or WO-9950828-\$ or EP-707308-\$).did. or (JP-08227300-\$ or JP-08063200-\$ or JP-07311596-\$).did.) and (history or previous) | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/09/08 09:12 |

|     |    |   |                           |    |     |                  |
|-----|----|---|---------------------------|----|-----|------------------|
| S80 | 14 | ("4752956"   "5479168"   "5598506"   "5630011"   "5699485"   "5701390"   "5717822"   "5907822"   "5909663"   "6041297"   "6327562"   "6377915"   "6408267"   "6424939").PN.   | USPAT                     | OR | ON  | 2004/09/08 09:25 |
| S81 | 2  | (US-5907822-\$ or US-5615298-\$).did.   | USPAT                     | OR | OFF | 2004/09/09 07:44 |
| S82 | 2  | ((US-5907822-\$ or US-5615298-\$).did.) and (buffer or delay or memory)   | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/09/09 08:08 |
| S83 | 3  | (US-6351730-\$ or US-5907822-\$ or US-5615298-\$).did.  | USPAT                     | OR | OFF | 2004/09/09 08:08 |
| S84 | 3  | ((US-6351730-\$ or US-5907822-\$ or US-5615298-\$).did.) and (buffer or delay or memory) and (pitch or autocorrelation)   | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/09/09 08:13 |
| S85 | 3  | ((US-6351730-\$ or US-5907822-\$ or US-5615298-\$).did.) and (buffer or delay or memory) and (pitch or autocorrelation or frequency)  | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/09/09 08:13 |
| S86 | 24 | (US-6057884-\$ or US-6421802-\$ or US-6549886-\$ or US-6636829-\$ or US-5673363-\$ or US-6757343-\$ or US-5550543-\$ or US-5574825-\$ or US-5615298-\$ or US-5717822-\$ or US-5884010-\$ or US-5907822-\$ or US-6665637-\$ or US-6408267-\$ or US-6351730-\$).did. or (US-20020007273-\$).did. or (EP-673015-\$ or EP-673017-\$ or EP-673018-\$ or EP-707308-\$ or WO-9950828-\$).did. or (JP-07311596-\$ or JP-08063200-\$ or JP-08227300-\$).did.           | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/09/09 08:51 |
| S87 | 0  | ((US-6057884-\$ or US-6421802-\$ or US-6549886-\$ or US-6636829-\$ or US-5673363-\$ or US-6757343-\$ or US-5550543-\$ or US-5574825-\$ or US-5615298-\$ or US-5717822-\$ or US-5884010-\$ or US-5907822-\$ or US-6665637-\$ or US-6408267-\$ or US-6351730-\$).did. or (US-20020007273-\$).did. or (EP-673015-\$ or EP-673017-\$ or EP-673018-\$ or EP-707308-\$ or WO-9950828-\$).did. or (JP-07311596-\$ or JP-08063200-\$ or JP-08227300-\$).did.) and FEC | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/09/09 08:52 |
| S88 | 0  | Freame adj Erasure adj Concealment  | US-PGPUB; USPAT; EPO; JPO | OR | ON  | 2004/09/09 08:52 |

|     |    |   |                                 |    |    |                  |
|-----|----|---|---------------------------------|----|----|------------------|
| S89 | 51 | Frame adj Erasure adj Concealment   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/03/30 08:43 |
| S90 | 17 | (Frame adj Erasure adj<br>Concealment) and ((length or<br>number) same (frames or packets))<br>and pitch and overlap\$  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/09/09 08:56 |
| S91 | 12 | (Frame adj Erasure adj<br>Concealment) and ((length or<br>number) same (frames or packets))<br>and pitch and overlap\$ and<br>attenuation   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/09/09 09:10 |
| S92 | 9  | ((US-6057884-\$ or US-6421802-\$<br>or US-6549886-\$ or US-6636829-\$<br>or US-5673363-\$ or US-6757343-\$<br>or US-5550543-\$ or US-5574825-\$<br>or US-5615298-\$ or US-5717822-\$<br>or US-5884010-\$ or US-5907822-\$<br>or US-6665637-\$ or US-6408267-\$<br>or US-6351730-\$).did. or<br>(US-20020007273-\$).did. or<br>(EP-673015-\$ or EP-673017-\$ or<br>EP-673018-\$ or EP-707308-\$ or<br>WO-9950828-\$).did. or<br>(JP-07311596-\$ or JP-08063200-\$<br>or JP-08227300-\$).did.) and<br>((subsequent or following) near<br>(frame or packet)) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/09/09 09:11 |